

coagulation factor and a DNA sequence functioning as a promoter which is specific for expression in hematopoietic cells.

2. **(Amended)** The DNA-construct as claimed in claim 8, wherein the DNA sequence functioning as a promoter is the DNA sequence coding for human platelet glycoprotein IIb (GP1Ib).

3. **(Amended)** The DNA-construct as claimed in claim 8 wherein the blood coagulation factor is Factor IX.

4. **(Amended)** The DNA-construct as claimed in claim 8, wherein a first truncated intron (Intron 1) of the human FIX gene is inserted into the DNA sequence coding for an amino acid sequence of a blood coagulation factor.

5. **(Amended)** A process for the production of Factor IX in hematopoietic cells comprising:

-transfecting hematopoietic cells with the DNA-construct of
claim 3 and
-expressing the DNA-construct in the hematopoietic cells.

6. **(Amended)** The process as claimed in claim 14, wherein the production of Factor IX is stimulated by an inducer.

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com

B1

7. (Amended) The process as claimed in claim 6, wherein the inducer is phorbol-12-myristate-13-acetate (PMA).

Please add new claims 8 to 14 as follows:

8. (New) The DNA-construct according to claim 1 wherein the hematopoietic cells are platelets.

9. (NEW) A process for the production of a blood coagulation factor in a hematopoietic cell line comprising:

- transfecting hematopoietic cells with a DNA-construct coding for a blood coagulation factor comprising:
 - a DNA sequence coding for the amino acid sequence of a blood coagulation factor, and
 - a DNA sequence functioning as a promoter which is specific for expression in hematopoietic cells; and
- expressing the DNA-construct.

10. (NEW) The process as claimed in claim 9, wherein the production of the blood coagulation factor is stimulated by an inducer.

11. (NEW) The process as claimed in claim 10, wherein the inducer is phorbol-12-myristate-13-acetate (PMA).

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com